

Claims

1. A nursing aid system comprising:

a breast cup having a concave breast receiving portion, said cup having a hollow generally cylindrical nipple receiving portion located on and projecting away from said concave portion, said nipple receiving portion having an end remote from said concave portion
5 and a milk delivery aperture at said end; and

a nipple extender receiveable in said nipple receiving portion, said insert having an axial length less than an axial length of said nipple receiving portion, said extender being sized and configured to occupy space in said nipple receiving portion not occupied by a
10 mother's nipple, said extender providing a flow channel for conducting milk from a mother's nipple to said milk delivery aperture.

2. The nursing system of claim 1, wherein said nipple extender is slidably received in said nipple receiving portion.

3. The nursing system of claim 2, wherein said flow channel is provided on an
15 exterior annular surface of said nipple extender, said flow channel extending from a first end of said extender to a location proximate said milk delivery aperture.

4. The nursing system of claim 3, wherein said flow channel is provided by multiple grooves on said annular surface.

5. The nursing system of claim 4, wherein said grooves extend parallel to a central

axis of said generally cylindrical extender.

6. The nursing system of claim 1, wherein said flow channel comprises an internal passageway in said nipple extender for conducting milk from a human nipple to said milk delivery aperture.

5 7. The nursing system of claim 1, wherein said breast cup is formed of flexible elastomeric material.

8. The nursing system of claim 7, wherein said milk delivery aperture comprises slit means extending through said end of said nipple receiving portion to provide a normally closed milk delivery aperture.

10 9. The nursing system of claim 8, wherein said slit means comprises crossed slits.

10. A nursing system comprising:

a series of breast cups each having a concave portion for receiving a female human breast, said cups each having a hollow generally cylindrical nipple receiving portion located on and projecting away from said concave portion, said nipple receiving portions of said series of cups being of different lengths and each having a milk delivery aperture in an end remote from said concave portion; and

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a series of generally cylindrical nipple extenders each receiveable in said nipple receiving portions, said extenders each having an axial length less than an axial length of said nipple receiving portions, said extenders each being differently sized to occupy substantially

all space in said nipple receiving portions not occupied by a human nipple, said extenders each providing a channel for conducting milk from a human nipple to said milk delivery apertures.

11. The nursing system of claim 10, wherein said cups are formed of flexible elastomeric material.

5 12. The nursing system of claim 11, wherein said flow channels are provided on exterior annular surfaces of said nipple extenders, said flow channels extending from a first end of said extenders to a location proximate said milk delivery apertures.

13. The nursing system of claim 12, wherein said nipple extenders include spaced surfaces engaging said nipple receiving portions of said cups, said flow channels being between
10 said spaced surfaces.

14. The nursing system of claim 13, wherein said spaced surfaces extend parallel to central axes of said nipple extenders.

15 15. The nursing system of claim 11, wherein said flow channels comprise internal passageways in said nipple extenders for conducting milk from a human nipple to said milk delivery apertures.

16. The nursing system of claim 11, wherein said milk delivery apertures comprise slit means extending through said ends of said nipple receiving portions to provide normally closed milk delivery apertures.

17. The nursing system of claim 16, wherein said slit means comprises crossed

slits.

18. The nursing system of claim 10, wherein said extenders are slidably received in said nipple receiving portions.

19. A nursing aid system comprising:

5 a breast cup having a concave breast receiving portion, said cup having a hollow generally cylindrical nipple receiving portion located on and projecting away from said concave portion, said nipple receiving portion having an end remote from said concave portion and a normally closed milk delivery aperture at said end; and

a nipple extender slidably receiveable in said nipple receiving portion, said
10 extender having an axial length less than an axial length of said nipple receiving portion, said extender providing a flow channel for conducting milk from a mother's nipple to said normally closed delivery aperture.

20. The nursing system of claim 19, wherein said extender is sized and configured to occupy most of the space in said nipple receiving portion not occupied by a mother's nipple.

15 21. A nursing aid system comprising:

a breast cup having a concave breast receiving portion, said cup having a hollow generally cylindrical nipple receiving portion located on and projecting away from said concave portion, said nipple receiving portion having an end remote from said concave portion a milk delivery aperture at said end, and a nipple extender integrally formed in said nipple

receiving portion, said extender having an axial length less than an axial length of said nipple receiving portion, said extender providing a flow channel for conducting milk from a mother's nipple to said milk delivery aperture.

22. The nursing system of claim 20, wherein said extender is sized and configured
5 to occupy most of the space in said nipple receiving portion not occupied by a mother's nipple.

23. The nursing system of claim 22, wherein said flow channel comprises an internal passageway in said nipple extender for conducting milk from a human nipple to said milk delivery aperture.

24. The nursing system of claim 21, wherein said breast cup is formed of flexible
10 elastomeric material.

25. The nursing system of claim 24, wherein said milk delivery aperture comprises slit means extending through said end of said nipple receiving portion to provide a normally closed milk delivery aperture.

26. The nursing system of claim 25, wherein said slit means comprises crossed
15 slits.